

## NISHOK NARASIMHA MOHANASAMY

**OBJECTIVE** Actively Seeking Summer 2016 Internship Opportunities - Computer Science

Challenge seeking, Quick learning, Sharp, Top-Producing Software Engineer and Graduate-Assistant Student with over 6 years' experience providing Software development expertise. Forward-thinking problem identification, research, analysis, and resolution.

Spearheads full life-cycle project development and innovatively manages quality assurance. Consistently delivers strong and sustainable technology gains. Organizational driver offering productivity improvements, pioneering technologies, and process redesign and re-engineering.

### PROFESSIONAL ACHIEVEMENTS

#### HTML/CSS/JS – FRONT END DEVELOPEMENT

- TREE-GRID LIBRARY :
  - Developed a Front-End Library, a composite control, which is used to render data from multiple tables using Primary/Foreign relations.
  - Integrated this library into RIA framework (Cordys XForms), such that this library helps to design a Tree-Grid controls easily with zero coding.
- XFORM ENTITY INTEGRATION :
  - Integrated XForm loading (.cafs) into Process Platform's Entity Model runtime using HTML5, Backbone.js, Underscore.js, Marionette.js and JQuery.
- PATHFINDER & JS COVERAGE :
  - Optimized Code coverage tools used in Cordys and Implemented Pathfinder for deriving a matrix of relations between source code and test cases covered. Pathfinder was developed using Cordys BOP itself.

#### AUTOMATION / SELENIUM

- Developed selenium Framework based on the complicated DOM structure of CORDYS BOP where testers can write test cases comfortably.

#### SOA/ CORDYS BOP/ OPENTEXT PROCESS PLATFORM

- Worked as a developer in WORKFLOW, middle layered team in SOA which provides task communication, details to users (developer, tester, manager and more) as INBOX similar to GMAIL's Inbox with loads of runtime functionalities

## SKILLS

- **PROGRAMMING LANGUAGES :**
  - JavaScript , HTML, CSS, JAVA, PHP, XML
- **AUTOMATION :**
  - Selenium , Web driver, Junit
- **CONTINUOUS INTEGRATION :**
  - Jenkins, JIRA, Crucible, ANT, Gradle, Groovy
- **DATABASES :**
  - MongoDB, MySQL, MSSql Server
- **OPERATING SYSTEMS :**
  - Windows, Linux, OSX
- **BOP – Business Operations Platform Cordys / Process Platform :**
  - CWS, XForms, WsApps, WorFlow, WSDL, REST
- **TOOLS / CLIENTS :**
  - NodeJS, JQuery, BackboneJS, Underscore, MooTools
  - Eclipse, WebStorm, Android Studio, SubLime

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## WORK HISTORY

### **GRADUATE ASSISTANT, MONTCLAIR STATE UNIVERSITY, NJ, USA**

September 2015 - Present

### **SENIOR SOFTWARE ENGINEER, OPENTEXT CORP., HYDERABAD, INDIA**

January 2014 – August 2015

### **ASSOCIATE SOFTWARE ENGINEER / SOFTWARE ENGINEER, CORDYS R&D, HYDERABAD, INDIA**

July 2009 – December 2013

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## EDUCATION

### **MASTERS, MONTCLAIR STATE UNIVERSITY, NJ, USA, SEPTEMBER 2015 - PRESENT**

- Course Work : Algorithms and Analysis, Web development, Computer Architecture, Machine Learning, Software Engineering and Mobile Computing.
- Projects :
  - [Parking Application : NodeJS](#)
  - [College Management System : Android](#)
  - [CS Conference Website : PHP, MYSQL](#)
- **GPA : 4.0/4.0**

### **BACHELOR OF ENGINEERING, GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE, INDIA , MAY 2009**

- First Class with Distinction.
- Course Work : Data Structures I & II, Database Systems, OOPS, Networking, Web Services, Artificial Intelligence and Image Processing.
- **GPA : 3.85/4.0**

